IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MIETKIEWSKA, Elzbieta; TAYLOR, David, C.; KATAVIC, Vesna

Serial No.: 10/596,024 Filed: May 25, 2006

Title: FATTY ACID ELONGASE (FAE) GENES AND THEIR UTILITY IN

INCREASING ERUCIC ACID AND OTHER VERY LONG-CHAIN

FATTY ACID PROPORTIONS IN SEED OIL

Group: 1638

Examiner: Vinod Kumar Attorney Ref.: PAT 989W-2 US

December 29, 2009

Mail Stop Amendment
Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia
22314-1450
U.S.A.

Dear Sir:

In response to the Office Action dated September 29, 2009, please amend the aboveidentified application as follows.

Amendment Under 37 C.F.R. 1.111

Amendments to the Abstract begin on page 2 of this paper.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims begin on page 5 of this paper.

Amendments to the Drawings begin on page 9 of this paper and include both attached replacement sheets and annotated sheets showing changes.

Remarks/Arguments begin on page 10 of this paper.

An **Appendix** including amended drawing figures and a sequence submission in computerreadable format (.txt) is attached.